

FORCEnet

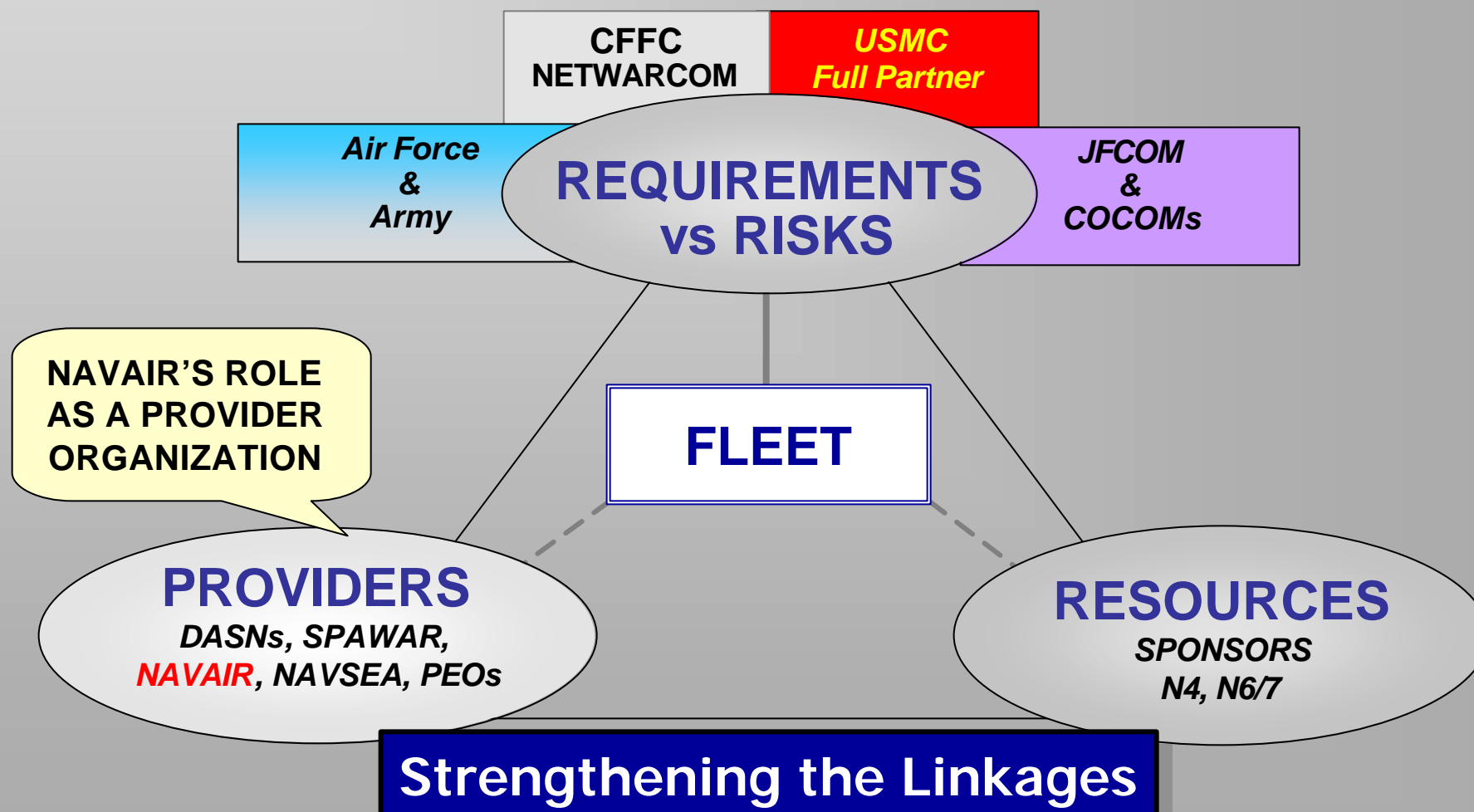
PLANS, ORGANIZATION AND IMPLEMENTATION

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Statement A: Approved for public release; distribution is unlimited



NAVAIR ALIGNMENT IN THE FORCEnet ENTERPRISE



NAVAIR'S ROLE IN FORCE_{net} IMPLEMENTATION

- **TRANSLATE FORCE_{net} CONCEPTS AND REQUIREMENTS INTO WAR FIGHTING CAPABILITIES VIA RIGOROUS RESEARCH, INVESTIGATION AND DISCIPLINED ENGINEERING PROCESSES.**
- **PROACTIVITLY SUPPORT DEVELOPMENT OF F_n TECHNICAL STANDARDS / TOOLS / EXPECTATIONS.**
- **FOSTER INTEGRATED TECHNICAL APPROACH TO F_n IMPLEMENTATION ACROSS ALL AVIATION PROGRAMS.**
- **INFUSE UNDERSTANDING OF F_n ENVIRONMENT AND NEEDED CAPABILITIES THROUGHOUT AVIATION COMMUNITY.**
- **ALIGN WITH THE VIRTUAL SYSCOM, NCDP, STR AND OTHER F_n RELATED PROCESSES.**
- **ASSIGN, NUTURE AND ENSURE QUALIFICATIONS AND CONSISTANCY OF JUDGEMENT OF RELATED NAVAIR TECHNICAL AUTHORITIES**

FORGING AHEAD

STAND UP OF BATTLESPACE SYSTEMS ENGINEERING CAPABILITY

ALIGNMENT WITH KEY STAKEHOLDERS

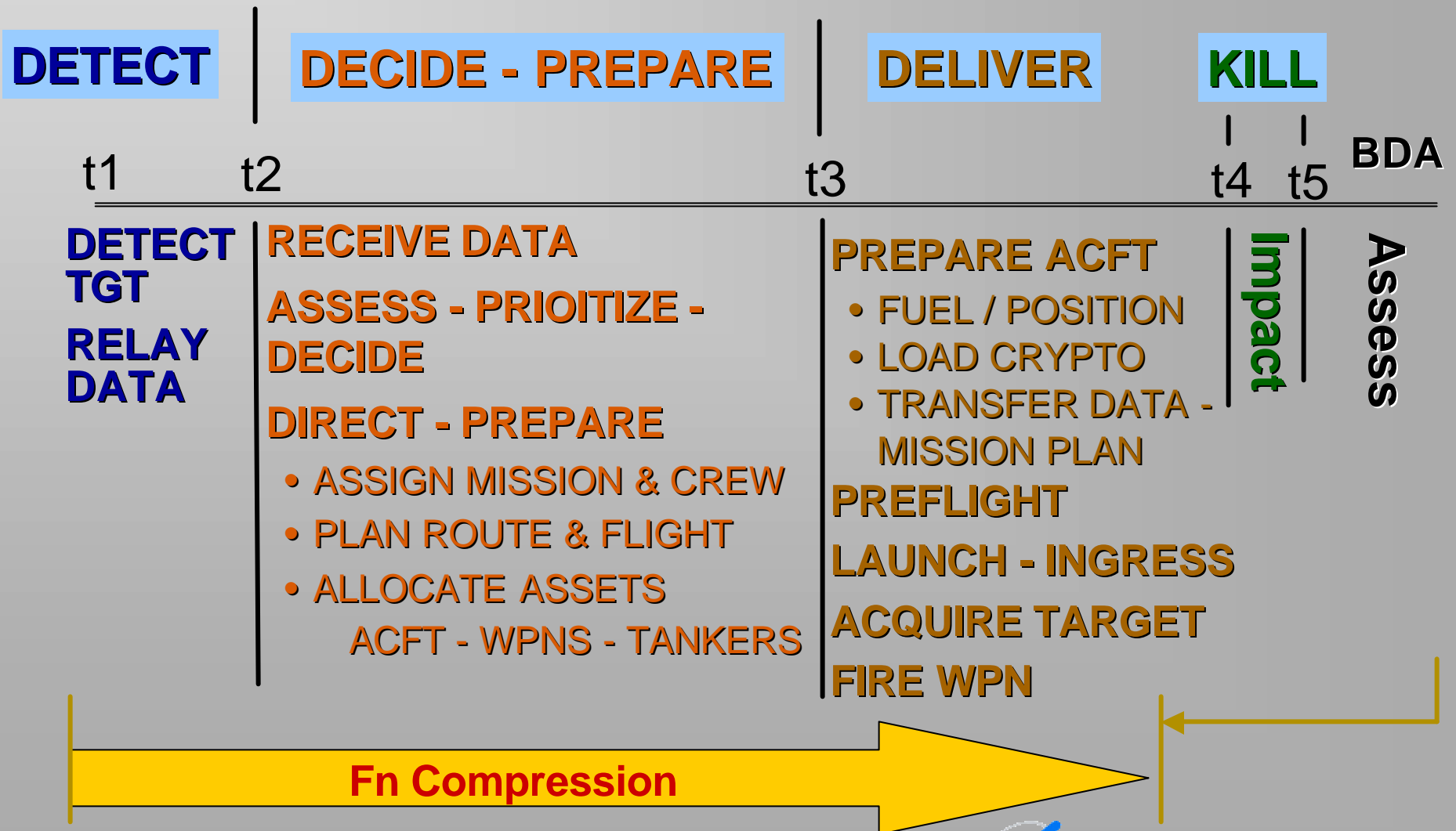
- **VIRTUAL SYSCOM, SPAWAR** - VS C4I/Fn Team, Fn TECH AUTHORITY FORCEnet DEFINITION, FIBL, DODAF SYSTEM & TECHNICAL VIEWS AND IPV6
- **NETWARCOM** - OPERATIONAL CONCEPT AND DODAF ALL & OPERATIONAL VIEWS
- **ASN(RDA) CHENG** - ACQUISITION POLICY, DODAF GOVERNANCE, FAMILY OF SYSTEMS / SYS-OF-SYS PROCESS
- **OPNAV** - COMPLIANCE CHECKLIST, NCDP
- **JFCOM** - CROSS SERVICES INTEGRATED ARCHITECTURE
- **AVIATION PEO's/PMA's** - SUPPORT OF PROGRAM PLANNING, INFO ASSURANCE PLANS, ETC.

FORCEnet

- **DRAMATICALLY ENHANCES OODA PERFORMANCE:**
 - **CHANGES WAY INFORMATION MOVES AMOUNG AND BETWEEN BATTLE FORCES/ELEMENTS**
 - POST AND SUBSCRIBE
 - MULTIPLE INFORMATION SOURCES IN REAL-TIME
 - **FACILITATES *COLLABORATIVE, TEAMWORK* EXPLOITING DIVISION OF LABOR AND DISTRIBUTION OF EXPERTISE THROUGH ENTERPRISE**
 - ENHANCE COMPOSEABILITY (AGILITY)
 - **PROVIDS TRANSPARENCY TO THE COMMAND AND CONTROL PROCESS - ALLOWS *SPONTANEOUS SELF-SYNCHRONIZATION* OF MULTIPLE DECISION CYCLES ACROSS THE ENTERPRISE**

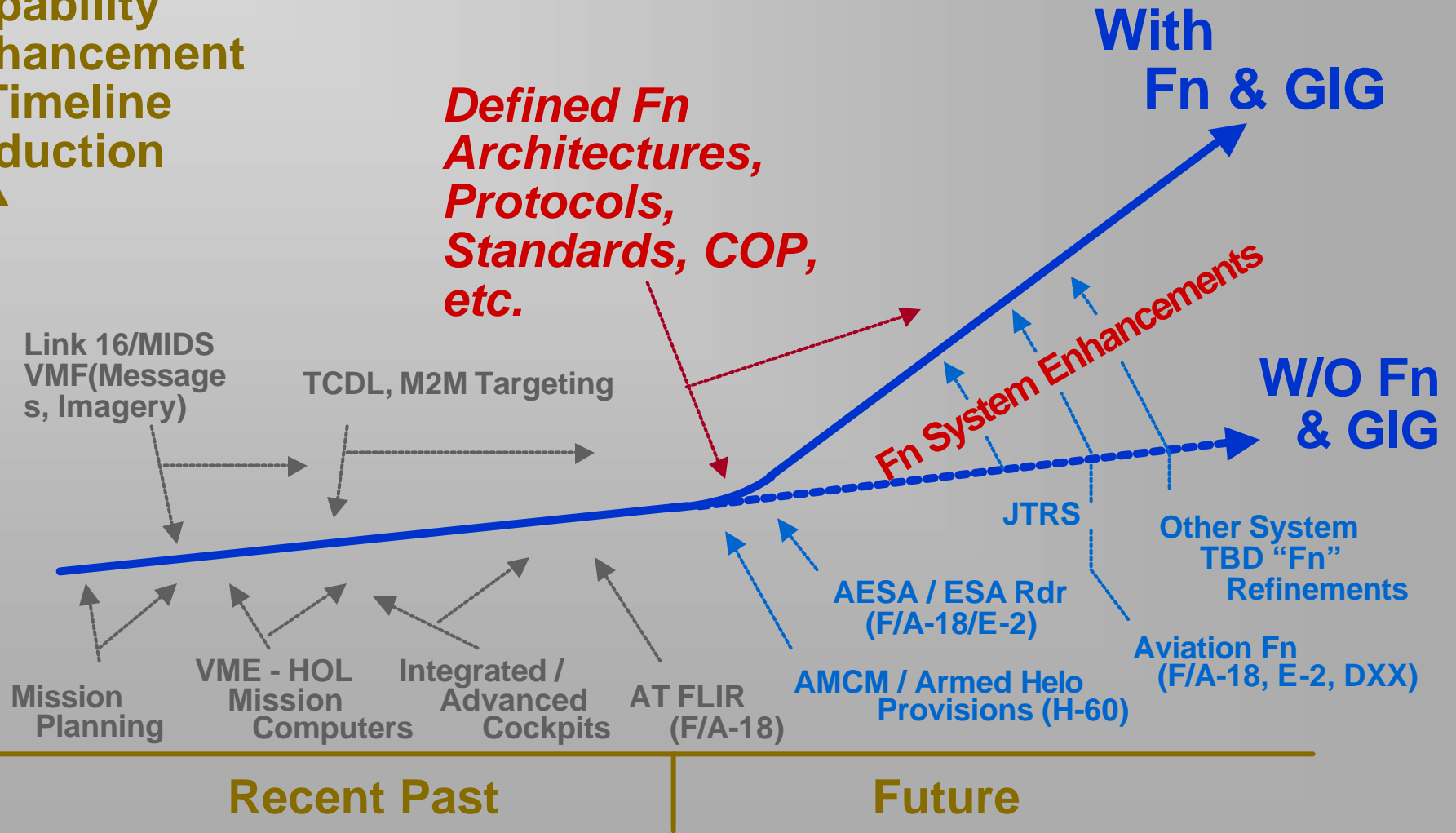
AVIATION TIMELINE

** Aircraft Launch Option **



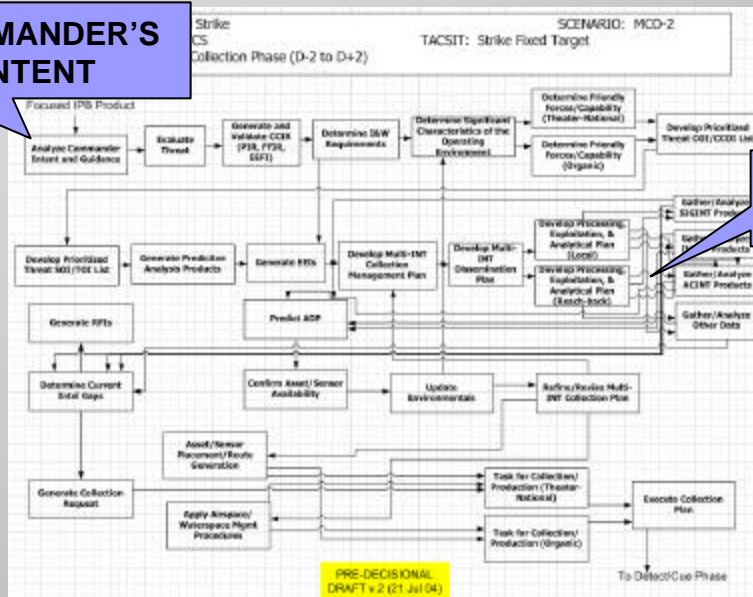
Aviation Improvement Journey

Capability
Enhancement
& Timeline
Reduction

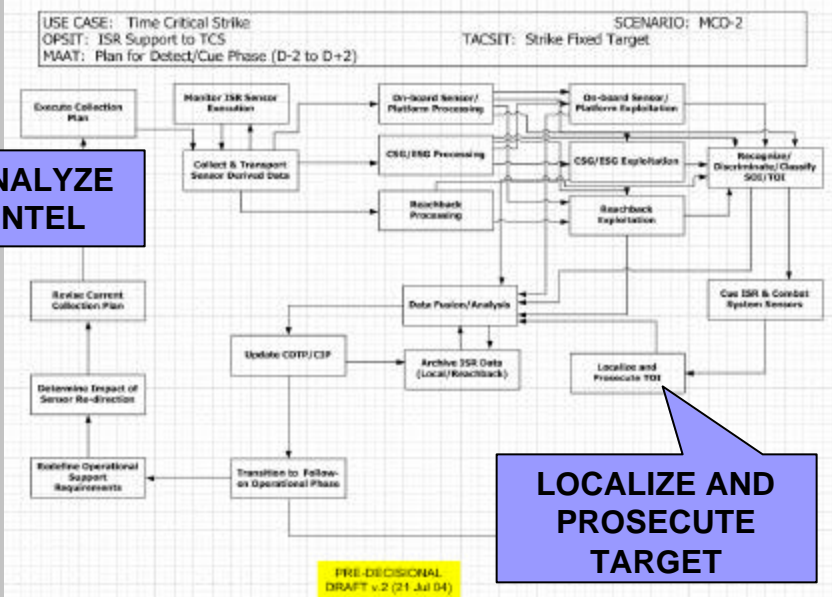


Mission Thread #1 – Time Critical Strike

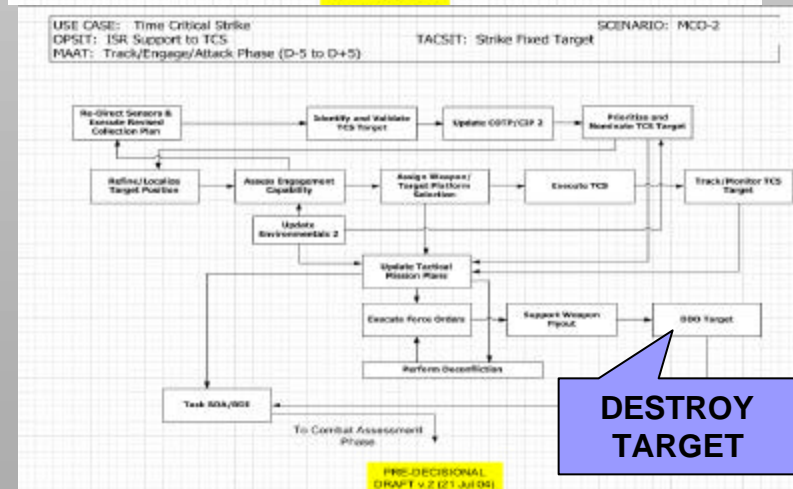
COMMANDER'S INTENT



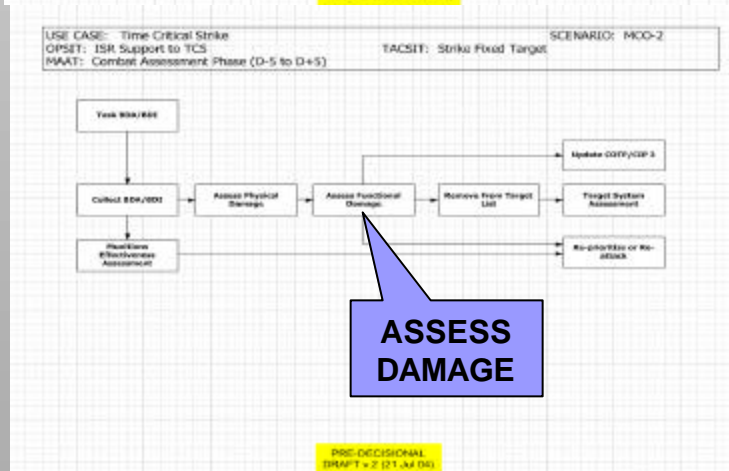
ANALYZE INTEL



LOCALIZE AND PROSECUTE TARGET



DESTROY TARGET



ASSESS DAMAGE

FORCEnet Strike Improves Decision Speed and Accuracy Throughout the Kill Chain

JOINT SERVICE BATTLESPACE ENVIRONMENT

*ENHANCE EFFICIENCY, AGILITY, & REUSE WHILE
REDUCING CYCLE TIME AND COST*



**LIVE & SIM AIRCRAFT
WEAPONS AND SHIPS**



**LIVE & SIM
TARGETS**



**S&T FACILITIES
INSTALLED SYSTEM
TEST FACILITY**



SSSA



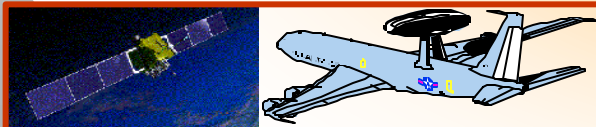
**ARMY
LIVE & SIM GROUND FORCES**



HARDWARE IN THE LOOP



**HUMAN
PERFORMANCE NODE**



AIR FORCE SPACE, AIR AND SENSORS

**NAVSEA
DISTRIBUTED ENGINEERING PLANT**

**CAMPAIGN
MODELS
JWARS. ETC.**

INDUSTRY

Networking is Key

**EXTEND CAPABILITY AND USE OF JOINT, NAVAL, AND COMMERCIAL
PRECISION RDT&E AND RANGE CAPABILITIES FOR JOINT ACQUISITION,
FLEET TRAINING AND MISSION REHEARSAL**